

Reclamation Estimate for Utelite Corporation
Utelite Mine Summit County M/043/004

Prepared By Utah State Division of Oil, Gas and Mining
 October 24, 1989

Description	Quantity	Unit	\$/Unit	Cost (\$)
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Plant Site Reclamation

The scrap value of the plant exceeds the removal cost. The Summit County landfill is expected to cover the foundations.

Impoundment Reclamation

Fill Void with Overburden	2000	Cubic Yards	0.60	1,200
Revegetate	4.5	Acres	215	970

Subtotal				2,170

Waste Dump Reclamation

Revegetate	3.0	Acres	215	650
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West Pit Reclamation

Regrade for Uniformity	2.3	Acres	400	920
Revegetate	2.3	Acres	215	490

Subtotal				1,410

East Pit Reclamation

Regrade for Uniformity	19.0	Acres	400	7,600
Spread Topsoil	34,100	Cubic Yards	0.35	11,940
Revegetate	19.0	Acres	215	4,090

Subtotal				23,630

Totals				=====
				27,860
Add Contingency (10%)				2,790

TOTAL RECLAMATION COST (1989 Dollars)				30,650
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TOTAL RECLAMATION COST (1994 Dollars) @ 1.93% Annual Inflation				34,000
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Cost Parameters Used

D-8 Dozer (O&O)	160	\$/hour
988B Wheel Loader (O&O)	165	\$/hour
Labor Only	24	\$/hour
Farm Tractor (O&O)	67	\$/hour
Speed	4	mph
Width of Pass	6	feet

Revegetation Cost per Acre	Quantity	Unit	\$/Unit	Total Cost (\$)
Bare Costs				
Seed Mix	20	Pounds	9	180
Application Costs				
Seed Mix (drilled)	0.5	Hours	24	12
Scarify (tractor with chain)	0.3	Hours	67	23
Subtotal				35
Total Revegetation Cost per Acre				215